



RAYMOND BROWN
QUARRY PRODUCTS

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An Introduction



Rob Westell
Estates & Planning Director

RAYMOND BROWN QUARRY PRODUCTS are a leading quarry operator and supplier of quality primary and secondary aggregates.

Quarrying is an essential part of our society as aggregates are vital for economic growth and development. Raymond Brown delivers quality materials for local construction and also provides sustainable solutions to our built environment and growing population.

Our teams are dedicated to sustainability, constantly investing in the protection of the environment. We provide responsible site staff and the continual management and protection of the natural environment and improvement of biodiversity.

Proactive community liaison and stakeholder engagement is of key importance to us. We ensure regular engagement with stakeholders and our site teams work closely with our neighbours, communicating with them on a regular basis.

The development of our Community Matters Initiative within the locality of our sites also sees us providing and supporting learning opportunities within the communities in which we work.

We work closely with the statutory authorities, ensuring that our sites are not only fully compliant with legislation, but that we are continually improving our performance to exceed it.

“Quarrying is an essential part of our society as aggregates are vital for economic growth and development.”

RAYMOND BROWN QUARRIES

WE DEVELOP OPPORTUNITIES AND INVEST IN NEW TECHNOLOGY TO PROVIDE SUSTAINABLE MATERIALS FOR THE CONSTRUCTION INDUSTRY.

Raymond Brown Quarry Products provides responsibly sourced, quality assured aggregate to local areas.

All our quarries are operated to the highest standards and we continue to develop opportunities and invest in new technology to provide more sustainable materials for the construction industry.

Our expertise and dedication to restoring, enhancing and improving land after extraction is one of our key skills. Raymond Brown provides responsible restoration and improvement of biodiversity and we guarantee thorough aftercare to ensure our sites are enhanced for the local community.

We ensure regular engagement with the Environment Agency and statutory authorities to ensure full compliance with legislation and regulation throughout the life of the site.

Our site teams go above and beyond to ensure that we are a good neighbour. We are committed to proactive community liaison and ongoing stakeholder engagement across all of our sites.



BINNEGAR QUARRY

Puddletown Road, Wareham, Dorset, BH20 6AX

- ◆ SUEZ Recycling & Recovery UK Ltd
- ◆ 250,000 Tonnes per annum
- ◆ Over 100 Hectares

SITE HISTORY & PLANNING

Raymond Brown's involvement commenced in December 2002 with the company being responsible for the sand extraction and marketing under agreement with the landowner, SUEZ. Extraction and processing of sand on the north side of Puddletown Road has continued for a number of years, with the site now almost exhausted. Extraction moved to a smaller area on the south side of Puddletown Road in 2012.

Raymond Brown and SUEZ were granted planning permission in May 2016 for a major extension south of Puddletown Road. This is for over 2.5 million tonnes of sand and gravel to be worked over the next 10-15 years. The site will be restored to a mix of heathland, wetland and woodland.

Binnegar Quarry provides essential materials for construction and the built environment in Dorset and the surrounding areas. Our products are used to build houses, schools and hospitals.

RESTORATION & THE ENVIRONMENT

The responsibility of the restoration of the northern site rests with the landowner, SUEZ. However, Raymond Brown will have full responsibility on the south side under the new arrangements. This will include compliance with all aspects of the planning permission, encompassing the management of ecology (e.g. the Red List plant, Pennyroyal), an extensive woodland management plan and the implementation of a water management scheme and archaeological features. Battery Bank (a Scheduled Ancient Monument) and a World War Two bunker, have also been identified and sensitively managed in liaison with the Coleshill Auxiliary Research Team (CART).



QUARRY PRODUCTS

- Building Sand BS EN 13139
- Asphalt Sand BS EN 13043
- 0/2mm Washed Sharp Sand BS EN 12620
- Washed Animal Bedding Sand
- As Dug Sand

The area will be restored through the importation of inert construction arisings to create new heathland habitat, a wooded area and a wetland area.

An area which Raymond Brown restored to heathland on behalf of SUEZ has been recognised as a site which demonstrates best practice for restoration by the RESTORE project which is managed by RSPB under the Nature After Minerals initiative and also by Dorset Wildlife Trust as a Site of Nature Conservation Interest. A further outcome identified that the five mile network along Puddletown Road offers scope for improved restoration in the future in order to benefit biodiversity.

COMMUNITY MATTERS & ENGAGEMENT

Raymond Brown administer a regular local liaison group which encourages openness and communication with the community.

We team up with three other local companies to sponsor the crossing patrol at Bere Regis First School. This is one of five first/primary schools across the county to have a crossing patrol sponsored by the local community.



As part of our Community Matters Initiative, Raymond Brown has created partnerships with four local schools; Wareham St Mary Primary School, Stoborough Primary School, Bere Regis Primary School and Wool Primary School. All four schools have designed their own Raymond Brown lorry, our lorry design campaign sees local schoolchildren use their imagination and creativity to design posters based around the theme of recycling to be displayed on our lorries.

“Caring for the environment is something that is close to everyone’s heart at Stoborough School. I was delighted to hear that some of the pupils’ recycling and ECO designs had been chosen to represent the school on a Raymond Brown recycling lorry. It was a privilege to see the designs on the lorry and to see how proud my pupils were. All very impressive!”

Deborah Corbin, Headteacher
- Stoborough Primary School

BRICKWORTH QUARRY

Junction A36/A27, Whiteparish, Wiltshire, SP5 2Q

- ◆ Longford Estate / Cleansing Services Group
- ◆ 150,000 Tonnes per annum
- ◆ Over 30 Hectares

SITE HISTORY & PLANNING

Raymond Brown has been operating Brickworth Quarry for over 10 years. The first planning permission for the site was granted in 2003 and the initial phases of the site have since been restored back to agricultural land. The original planning permission for quarrying has been superseded as all required restoration works have been completed to a very high standard, or rolled over into the current permission. Permission was granted for an extension in July 2009 for an area known as Round Copse North. This requires completion of restoration by April 2020.

Brickworth Quarry supplies sand into local and wider markets, providing materials for construction and the built environment. Our products are used to build homes, roads, schools and hospitals.

Raymond Brown has seen successful growth within the market and subsequent high demand for Brickworth sand. As a result of this, we prepared a planning application for the small extension to the Brickworth Quarry workings at Lowdens Copse for a further 170,000 tonnes to be extracted.

Planning was granted in April 2017 for two further areas of minerals (to the east and west) at Brickworth, which were allocated within the Wiltshire Council's Mineral Local Plan. It is estimated these areas will yield a further 1,340,000 tonnes.

The site will be backfilled with inert construction arisings under an Environment Agency permit to restore the land back to its original levels, as we have completed across other parts of the site.



QUARRY PRODUCTS

- Building Sand BS EN 13139
- Asphalt Sand BS EN 13043
- As Dug Sand

RESTORATION & THE ENVIRONMENT

The site is being restored back to mixed and commercial woodland in accordance with the approved scheme. Part of the work includes the sensitive management of ancient woodland soils which are present on the site. This will require a high standard of restoration in order to preserve this important resource.

During the development of the quarry, a large great crested newt population was discovered and we secured a licence from Natural England to relocate the newts before quarrying proceeded. This was successfully accomplished including the creation of a new habitat area with a pond. Specific restoration requirements relate to fencing, monitoring and maintaining the newly created pond area.

COMMUNITY MATTERS & ENGAGEMENT

To minimise the impacts of our operations on the local community, we have agreed a longstanding arrangement that the lorry drivers may not drive through the village of Whiteparish. We have also established a local liaison group for Brickworth Quarry who meet on a regular basis at the village hall.



As part of our Community Matters Initiative, Raymond Brown has created a local partnership with nearby Whiteparish All Saints Primary School and Alderbury & West Grimstead Primary School. We also sponsor the local Whiteparish Memorial Hall and support other events within the community, such as the village fireworks event and fete.

ROKE MANOR QUARRY

Old Salisbury Lane, Romsey, Hampshire, SO51 6GA

- ◆ Leasehold Site
- ◆ 125,000 Tonnes per annum
- ◆ 20 Hectares (Extraction Site)

SITE HISTORY & PLANNING

After seven years of development, Raymond Brown were granted planning permission in 2011 at Roke Manor. The facility was opened for business in 2015 and involves the extraction of 750,000 tonnes of sand and gravel at a rate of 125,000 tonnes per year. As the mineral is extracted, the site is being progressively restored back to agricultural land using inert construction arisings.

The quarry supplies sand and gravel into the local construction market for use in concrete, general building and decorative materials.

Extracted gravel will be transported to a state-of-the-art processing plant by overland conveyors to reduce the impact from the heavy plant movements. The plant processes the gravel to produce a range of high-quality aggregate sizes and sand. Modern technology is used to remove silt from the wash water so that it can be recycled and the residual silts used in restoration.

RESTORATION & THE ENVIRONMENT

The project involves a 30-year woodland management plan as part of the mitigation for dormice, which were found on site during early investigations. The site will involve a number of improvements to the natural habitat, including additional tree planting in accordance with the approved landscaping plan. We also monitor water levels in the area to ensure there are no impacts. Being a greenfield site with no previous operations, a new entrance was required to be constructed to Hampshire County Council's standards to provide access from the A27. As part of the soil stripping, archaeological investigations were carried out in accordance with the agreed scheme of workings.



QUARRY PRODUCTS

- 0/4mm Grit BS EN 12620
- 4/10mm Aggregate BS EN 12620 & BS EN 13242
- 10/20mm Aggregate BS EN 12620 & BS EN 13242
- 20/40mm Aggregate BS EN 13242
- 0/20mm All-in Aggregate BS EN 12620
- 4/20mm Aggregate BS EN 12620

COMMUNITY MATTERS & ENGAGEMENT

In 2016, Roke Manor Quarry opened its doors to the community for a day. Over 60 visitors attended, comprising of local residents and customers. As well as giving them the chance to see inside the site and have a tour, they also enjoyed ice creams and goody bags, and the opportunity to sit in an excavator and have their photo taken.

Raymond Brown has created partnerships with local primary schools all of whom have designed their own Raymond Brown lorries; Awbridge Primary School, Whiteparish Primary School, Hampshire Collegiate School and Lockerley Primary School. We also administer a local liaison group chaired to keep the community informed of all developments on the site, and to deal with any concerns.

Raymond Brown have agreed a longstanding arrangement that the lorry drivers may not drive through the nearby village of Whiteparish.



EYSEY MANOR QUARRY

Cricklade, Wiltshire,
SN6 6LP

- ◆ Operated on behalf of Tarmac (CRH Group)
- ◆ 170,000 Tonnes per annum
- ◆ 150 Hectares

SITE HISTORY & PLANNING

Raymond Brown have operated the quarry under contract with Tarmac since it opened in 2005, and are proud to have met Tarmac's robust standards for quarry operations, evidenced by the fact that the initial contract was for five years and it has been renewed four times.

Raymond Brown are responsible for the excavation of all mineral material which the site then transports 1,400 metres via conveyor system (or ADT vehicles) to a processing plant.

The plant washes all material and we produce sand, 10mm, 20mm and 40mm aggregates, which are then segregated into isolated stockpiles ready for loading.

The material is predominantly used in an on-site batching plant, but is also exported to other plants in the area.

The Eysey Manor excavation area is made up of nine phasing zones with phases one to six complete and seven currently undergoing excavation.

RESTORATION & THE ENVIRONMENT

All reserves will be restored carefully back as follows:

50% of the site will be infilled with clay material and restored back to agricultural land at existing levels and 50% of the site will be developed into wetland and lakes and put into the Cotswold water park scheme.



QUARRY PRODUCTS

- 0/6mm Aggregate
- 6/10mm Aggregate
- 10/20mm Aggregate
- 20/40mm Aggregate
- Concrete Sharp Sand

Raymond Brown has been working with Tarmac to ensure the protection of the area and the habitats of the local wildlife. Initiatives have included: a tree sparrow project, new woodland area, water vole habitat, tree planting and a conservation crop. Archaeologists were also on site for around seven months before mineral extraction began and they found the remains of a burial mound, round houses, a human skeleton known as the Eysey Man and also skeletons of sows and piglets. All discoveries were appropriately managed and recorded in detail.

COMMUNITY MATTERS & ENGAGEMENT

Raymond Brown attends the Eysey Manor local liaison meeting with Tarmac and there is a dedicated centre on site with archaeology, biodiversity and ecology information boards and educational literature for visitors.



MARCHWOOD WHARF

Marchwood Industrial Estate
Normandy Way, Marchwood,
Hampshire, SO40 4PB

- ◆ Operated on behalf of Tarmac (CRH Group)
- ◆ 150,000 - 200,000 Tonnes per annum
- ◆ Wharf Operation

SITE HISTORY & PLANNING

This contract began in 1997 for Northwood (Fareham) Limited, a joint venture between Northwood and Lafarge Aggregates (Lafarge Aggregates owned the lease for the site and Northwood owned the dredging ships). Raymond Brown have continued to renew the contract since. Currently, the site is operated by Tarmac (CRH Group) after the merger of Lafarge Aggregates and Tarmac in 2015.

The material produced at Marchwood is used in the on-site concrete plant within the local construction industry.

Dredged aggregate is delivered to the wharf 4,000 tonnes at a time by dredgers (City of Chichester and City of London).

Once the raw material has been landed, Raymond Brown wash and size the material through a wash plant and then stockpile it in bays ready for re-sale.

Occasionally, the raw product may contain World War Two munitions, these are removed from the aggregate by an overhead magnet or an under-belt magnet which stops the conveyor. Raymond Brown will then either remove these or, where necessary, inform Tarmac management, who will alert the police. The police will visit the site to make an assessment and then they may then call the Explosive Ordnance Disposal (EOD). The EOD will remove the material from site, or, if they feel that there is a risk of danger, they may detonate on-site. All site operations staff are Level Two trained in Munitions.



QUARRY PRODUCTS

- 10mm Shingle
- 20mm Shingle
- 40mm Rejects
- Washed Grit Sand

The material produced at Marchwood is used in the on-site concrete plant and in the construction industry on local contracts. There is a weekly supply of processed aggregate delivered to Tarmac's facilities in Fareham and their facility on the Isle of Wight; these materials are shipped by barge (Goole Star). Due to the convenient location of the Marchwood site, orders have also been obtained for contracts in Jersey and Gurnsey.

COMMUNITY MATTERS & ENGAGEMENT

Raymond Brown has created a local partnership with Regents Park Community College, a secondary school based in the centre of Southampton. Due to the location of the site and nature of the works, no educational visits have been undertaken; however, visits have been made to the school and the students in Year Eight have taken part in the Raymond Brown lorry competition.



"The students and staff are very excited to see our new lorry on the road and I am very proud of what my year group has achieved. As a school we are grateful of the opportunities afforded to us by Raymond Brown which allow students' learning to extend beyond the classroom."

Elizabeth Bishop,
Head of Year 8
- Regents Park
Community College

COMMUNITY MATTERS INITIATIVE

WE ARE CONSTANTLY DEVELOPING LEARNING OPPORTUNITIES TO ENSURE THAT THE LOCAL COMMUNITY BENEFITS FROM OUR OPERATIONS.

Corporate social responsibility and community engagement is a key priority for our business. We are committed to maintaining positive relationships within the communities in which we work and are constantly developing opportunities to ensure that the local community benefits from our operations.

To ensure that community engagement remains a priority for our business, we have introduced our Community Matters Initiative and education mission:

“To provide and support learning opportunities within the communities in which we work.”

We recognise that by working openly and collaboratively, we can provide a range of different learning opportunities within the industry.

We open our doors each year to our neighbours, schools, colleges, specialist interest parties and other companies, to demonstrate our wide range of operations and facilities.

Over the past seven years, Raymond Brown has directly educated over 2,000 children and offered continual professional development and study opportunities to a number of adults.

EXAMPLES OF INITIATIVES:

- ◆ Classroom lessons or lectures
- ◆ Design a tipper lorry
- ◆ Site visits and school trips
- ◆ Competitions
- ◆ Community open days
- ◆ Projects in partnership with clients
- ◆ Provision of learning resources
- ◆ Specialist interest & CPD days
- ◆ Support to local projects
- ◆ Career events



COMMUNICATION & COMMUNITY LIAISON

WE BELIEVE IT IS ESSENTIAL THAT A CLEARLY DEFINED COMMUNICATION STRATEGY WITH OBJECTIVES IS IMPLEMENTED.

COMMUNICATIONS PLAN

All our sites have a detailed Communications Plan in place which outlines how liaison and community engagement should be managed.

It is the responsibility of the Site Manager, in close liaison with the Communications Manager, to ensure that the objectives of the plan are met and that it is kept up to date and regularly evaluated throughout the life of a project.

PLANNING

The Communications Plan will commence at the earliest possibility, usually the planning stage of a project. We will initially undertake a Community Analysis and agree objectives before developing various means of communications with regard to a specific project development. These might include:

- ◆ Dedicated quarry website with questions and answers on the project.
- ◆ Newsletters and/or electronic updates.
- ◆ Dedicated email address and/or telephone number.
- ◆ Letter drops to the local community.
- ◆ A launch event for the local stakeholders and trade press.
- ◆ Support to local causes or charities.
- ◆ Sustainability performance reporting of the project.
- ◆ Public information points and noticeboards.
- ◆ Partnership with local schools as part of our Community Matters Initiative.
- ◆ Communications in the form of press releases or social media.



ANNUAL OR SIX MONTHLY LIAISON MEETINGS

We hold regular liaison meetings with Local Authority representatives, the Environment Agency, businesses and residents. This provides our stakeholders with the opportunity to discuss our operations and performance. These meetings are chaired by a local councillor and minutes are circulated to all involved.

OPEN DAYS

Raymond Brown holds annual open days to give the community the opportunity to visit our facilities and learn about our operations. We have dedicated pedestrian viewing platforms and project information boards which allow us to provide site tours without any immediate risks to visitors.



BIODIVERSITY & ECOLOGY

WE OFFER IMPROVED RESTORATION AND MANAGEMENT OF THE LAND WELL INTO THE FUTURE IN ORDER TO BENEFIT BIODIVERSITY AND ECOLOGY.

BIODIVERSITY

All Raymond Brown quarries have management plans which include biodiversity actions to identify any species and habitats. These plans are designed to protect and restore biological systems by setting the standards for existing biodiversity and ongoing quarry restoration, as well as creating new initiatives and long-term objectives. In close liaison with the community and ecologists, these help us to measure performance and ensure we are making significant improvements to biodiversity throughout the life of the site.

WOODLAND MANAGEMENT PLANS

Our quarries provide a number of improvements to the natural habitats and our woodland management plans see us managing land well into the future after restoration. Raymond Brown creates new woodland and parkland areas wherever possible to encourage further biodiversity and wildlife.

Throughout projects, we ensure active planting of additional trees in accordance with approved landscaping plans. We have planted woodland belts alongside areas such as the M4 corridor, and bridleways and public pathways. All planting schemes have a five-year management plan to monitor them and we have successfully planted an area of trees totalling the size of 4.1 hectares across our sites.

HABITATS

Mammals, birds, fish, reptiles and amphibians reside across all of our quarries and we recognise it is important for them to be able to live and breed safely. We ensure this is a priority before and during mineral extraction and have experience of the following:

- ◆ Bird boxes
- ◆ Dormice habitats
- ◆ Bats
- ◆ Owls
- ◆ Snakes and lizards
- ◆ Great Crested Newts
- ◆ Fencing protection
- ◆ Water bank protection for water voles
- ◆ Conservation crops to increase food types available.



AREAS OF OUTSTANDING NATURAL BEAUTY

Raymond Brown has experience of managing sites within Areas of Outstanding Natural Beauty. We ensure a high standard of restoration to guarantee the area is improved and that the local community benefits from our operations.

ARCHAEOLOGY

Raymond Brown works closely with archaeologists in liaison with our clients, landowners and other stakeholders to ensure that all areas are properly managed and excavated before mineral extraction begins. All discoveries are appropriately handled and recorded in detail. Special areas such as those with ancient woodland soils are also managed carefully.

NATURE AFTER MINERALS

We have been pleased to welcome Nature After Minerals (NAM) events to Binnegar Quarry to look at invertebrate and early pioneer species conservation through biodiversity-led minerals restoration. NAM is a partnership programme, led by RSPB and supported by Natural England, the Mineral Products Association and the British Aggregates Association.



SETTING THE STANDARDS

HEALTH, SAFETY, QUALITY AND THE ENVIRONMENT

HEALTH & SAFETY

Our eighth RoSPA Gold Medal Award demonstrates our ongoing commitment to ensure excellent health & safety performance within the business.

Raymond Brown operates a formal Compliance Management System and we make it our business to be safe, and continually improve our standards, by encouraging open communication and having the people on board with the right skills in place.

Our dedicated in-house Compliance Department provides guidance on health and safety legislation and assistance on how to comply with these, as well as our own in-house standards.

SUSTAINABILITY & THE ENVIRONMENT

Being a sustainable business is fundamental to our success and we are striving to be truly sustainable by addressing our environmental, social and economic impacts.

Raymond Brown operates a formal Environmental Management System as part of the company procedures with the system accredited to ISO 14001:2004.

Our dedicated in-house Environmental Management Team offers specific advice and ensures compliance with regulations.

QUALITY

All our sites are operated to our quality management system. Our quality objectives are to ensure that we achieve and maintain customer satisfaction whilst seeking continual improvement in our business performance. To ensure this, we have an experienced in-house Quality & Technical Team.



SUSTAINABILITY POLICY & PLAN

Our Sustainability Policy and Plan includes the following objectives and targets:

- ◆ Auditing and measurement of environmental and sustainability performance.
- ◆ The use of WRAP protocols.
- ◆ A commitment to increasing our recycling rates.
- ◆ A commitment to reducing energy use and CO2 emissions.





Raymond Brown Quarry Products

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